

## Patent claims

1. An apparatus for loading and/or unloading a transport compartment (10), in particular a commercial motor vehicle (11), having at least one conveying unit (13, 14, 15, 34) by which, in particular, a plurality of goods units (16) can be conveyed simultaneously, characterized in that the conveying unit (13, 14, 15, 34) can be inserted at least partly into the transport compartment (10).
2. The apparatus as claimed in claim 1, characterized in that the conveying unit (13, 14, 15) is installed in a loading region (12).
3. The apparatus as claimed in claim 1 or 2, characterized in that the conveying unit (13, 14, 15, 34) has at least one gripping unit (17) and at least one lifting unit (18), by which the goods units (16) can be lifted off their base.
4. The apparatus as claimed in claim 3, characterized in that at least two gripping units (17) are arranged one after another in the loading/unloading direction (19).
5. The apparatus as claimed in one of the preceding claims, characterized in that the gripping unit (17) is operatively connected to at least one guide and/or support unit (20, 21, 35) which belongs to the conveying unit (13, 14, 15, 34) and can be inserted into the transport compartment (10).
6. The apparatus as claimed in claim 5, characterized in that the guide and/or support unit (20, 21, 35) is arranged above a pick-up region (22) of the gripping unit (17).

7. The apparatus as claimed in claim 5 or 6 and claim 2, characterized in that the guide and/or support unit (20, 21) is mounted on a building ceiling (23).
8. The apparatus as claimed in one of claims 5 to 7, characterized in that the gripping unit (17) is mounted such that it can be displaced on the guide and/or support unit (21).
9. The apparatus as claimed in claim 8, characterized in that a supporting element (26) is arranged on the guide and/or support unit (21), at least at its end (25) pointing in the direction of the transport compartment (10).
10. The apparatus as claimed in one of claims 3 to 9, characterized in that the gripping unit (17) has at least a second degree of freedom of movement in addition to a first degree of freedom of movement.
11. The apparatus as claimed in claim 10, characterized in that the gripping unit (17) is mounted such that it can be moved transversely with respect to the loading/unloading direction (19) over a crossmember (27).
12. The apparatus as claimed in 10 or 11, characterized in that the gripping unit (17) can move freely with regard to at least one degree of freedom of movement during a loading and/or unloading operation.
13. The apparatus as claimed in one of the preceding claims, characterized in that at least one goods unit (16) can be supported by supporting rollers (24) belonging to the conveying unit (14, 34).

14. A method of loading and/or unloading a transport compartment with the apparatus as claimed in one of the preceding claims.